

WHAT IS CLAIMED IS:

1           1.    A battery comprising an electrode unit which is a power  
2   generation element housed in a battery can, and in which  
3   electricity can be taken out from a pair of negative and positive  
4   electrode terminals which are exposed outside the can, wherein a  
5   coating layer comprising a material of which one of the negative  
6   and positive electrode terminals is comprised is formed on a  
7   surface of the other of the negative and positive electrode  
8   terminals.

1           2.    The battery according to claim 1, wherein the coating  
2   layer is formed by a cladding connection or plating on the surface  
3   of said other electrode terminal.

1           3.    The battery according to claim 1, wherein the battery can  
2   comprises aluminum or aluminum alloy, the negative electrode  
3   terminal comprises a material selected from the group consisting of  
4   iron, nickel coated iron, nickel, copper, nickel coated copper and  
5   stainless steel, and the surface of the negative electrode terminal  
6   contains an aluminum layer or an aluminum alloy layer as a coating  
7   layer.

1           4.    The battery according to claim 2, wherein the battery can  
2   comprises aluminum or aluminum alloy, the negative electrode  
3   terminal comprises a material selected from the group consisting of  
4   iron, nickel coated iron, nickel, copper, nickel coated copper and  
5   stainless steel, and the surface of the negative electrode terminal  
6   contains an aluminum layer or an aluminum alloy layer as a coating  
7   layer.

1           5.    The battery according to claim 1, wherein the battery can  
2   comprises a material selected from the group consisting of iron,  
3   nickel plated iron, nickel, copper, nickel plated copper and  
4   stainless steel, and the positive electrode terminal comprises  
5   aluminum or aluminum alloy, and the surface of the positive  
6   electrode terminal contains a layer of iron, nickel plated iron,  
7   nickel, copper, nickel plated copper or stainless steel as a  
8   coating layer.

1           6.    The battery according to claim 2, wherein the battery can  
2   comprises a material selected from the group consisting of iron,  
3   nickel plated iron, nickel, copper, nickel plated copper and  
4   stainless steel, and the positive electrode terminal comprises

5 aluminum or aluminum alloy, and the surface of the positive  
6 electrode terminal contains a layer of iron, nickel plated iron,  
7 nickel, copper, nickel plated copper or stainless steel as a  
8 coating layer.